


74. (Twice Amended) A program product for diagnosing a first device by a second device, wherein the second device has an ability to diagnose different types of devices including different business office devices, the program product including a storage medium embodying instructions for causing the second device to perform the steps of:

 receiving first information which has been transmitted from the first device through a communication channel;

determining second information utilized by the first device, wherein the second information is a first portion of the first information;

parsing a second portion of the first information transmitted by the first device using the second information which has been determined to determine a format of the second portion whereby the second portion is parsed, wherein the second portion is different from the first portion; and

diagnosing a condition of the first device using the second portion which has been parsed.--

REMARKS

Favorable reconsideration of this application in light of the following discussion is respectfully requested.

Claims 37-48 and 70-77 are pending in the present application, Claims 37, 43, and 74 having been amended by way of the present amendment. The changes find support in Figure 6, for example. Thus, no new matter has been added.

The present amendment to Claims 37, 43 and 74 supplements the remarks made in the Response filed December 1, 2000.

The interview granted by Examiner Nguyen, with Applicant's representative personally and with inventor Dr. Motoyama by telephone, on December 4, 2000 is hereby gratefully acknowledged. The Allen et al and Hemmady et al references were discussed, as was independent Claim 37. Figures 1 and 6 of the present invention were also discussed, and language of Claim 37 related, for example, to Figure 1 regarding the recitation "different types of devices" and language of Claim 37 related, for example, to Figure 6 regarding the recited step of "parsing" was clarified. It was pointed out that Allen et al does not suggest or disclose "diagnosing a first device by a second device which has an ability to diagnose different types of devices."

In light of the interview, independent Claim 37 has been amended to clarify a distinction between the present invention and Allen et al and Hemmady et al regarding the parsing of the second portion using the second information to determine a format of the second portion whereby the second portion is parsed. More specifically, amended independent Claim 37 now recites the step of parsing "using the second information which has been determined to determine a format of the second portion whereby the second portion is parsed."

Allen et al is directed to a reproduction apparatus including a communication interface having an RS-232 interface and a modem, thereby permitting both on-site and remote communication with a diagnostic and administrative device. However, Allen et al fails to teach or suggest the parsing step recited by amended independent Claim 37. Accordingly, amended independent Claim 37 is believed to patentably distinguish over Allen et al.

Hemmady et al is directed to an architecture and organization of a high performance metropolitan area telecommunications packet network. However, Hemmady et al fails to

teach or suggest the parsing step of amended independent Claim 37. Accordingly, amended independent Claim 37 is believed to patentably distinguish over Hemmady et al.

The combined teachings of Allen et al and Hemmady et al do not suggest or disclose the invention as claimed in amended independent Claim 37. Accordingly, amended independent Claim 37 is believed to patentably distinguish over the combination of Allen et al and Hemmady et al.

Similarly, independent Claims 43 and 74 have been amended to clarify the distinction between the present invention and Allen et al and Hemmady et al. regarding the parsing of the second portion using the second information to determine a format of the second portion whereby the second portion is parsed. Accordingly, amended independent Claims 43 and 74 are believed to patentably distinguish over Allen et al., Hemmady et al, and the combination thereof for at least the same reasons as amended Claim 37.

Since Claims 38-42, 44-48, 70-73, and 75-77, depend directly or indirectly from independent Claims 37, 43, and 74, Claims 38-42, 44-48, 70-73, and 75-77 are believed to patentably distinguish over Allen et al, Hemmady et al, and the combination thereof for at least the same reasons as amended Claims 37, 43, and 74.

In view of the present amendment, this application is believed to be in condition for formal allowance and an early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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